



Please type a plus sign inside this box



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/821,987
		Filing Date	April 12, 2004
		First Named Inventor	Bu Qin Ruan
		Group Art Unit	3676
		Examiner Name	TBA
Total Number of Pages in This Submission		Attorney Docket Number	
		T1000-0001-P001	

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form (1p)	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> (PTO-2038 Attached) (1p)	<input checked="" type="checkbox"/> Drawing(s) (4 sheets)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply (7p)	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request – (2p)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Request for Correction of Official Filing Receipt (1p).
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	Substitute spec. –clean (10 pp)
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	Substitute spec. -- marked (11 pp)
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> Remarks	Copy of Notice to File Corrected Appln. Papers (2 pp.)
<input type="checkbox"/>		

United States Postal Service Express Mail No.: ER 686399941 US
Deposited with the U.S. Postal Service September 22, 2004

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	Bergman Kuta LLP Michael Bergman	Registration No.: 42,318
Signature		
Date	September 22, 2004	



FEE TRANSMITTAL for FY 2004		<i>Complete if Known</i>																																																																																																																																																																																							
Effective 10/01/2003. Patent fees are subject to annual revision.		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/821,987</td> </tr> <tr> <td>Filing Date</td> <td>September 22, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Bu Qin Ruan</td> </tr> <tr> <td>Examiner Name</td> <td>N/A</td> </tr> <tr> <td>Art Unit</td> <td>3676</td> </tr> <tr> <td>TOTAL AMOUNT OF PAYMENT</td> <td>(\$) 110.00</td> <td>Attorney Docket No.</td> <td colspan="3">T1000-0001-P001</td> </tr> </table>				Application Number	10/821,987	Filing Date	September 22, 2004	First Named Inventor	Bu Qin Ruan	Examiner Name	N/A	Art Unit	3676	TOTAL AMOUNT OF PAYMENT	(\$) 110.00	Attorney Docket No.	T1000-0001-P001																																																																																																																																																																						
Application Number	10/821,987																																																																																																																																																																																								
Filing Date	September 22, 2004																																																																																																																																																																																								
First Named Inventor	Bu Qin Ruan																																																																																																																																																																																								
Examiner Name	N/A																																																																																																																																																																																								
Art Unit	3676																																																																																																																																																																																								
TOTAL AMOUNT OF PAYMENT	(\$) 110.00	Attorney Docket No.	T1000-0001-P001																																																																																																																																																																																						
METHOD OF PAYMENT (check all that apply)		FEES CALCULATION (continued)																																																																																																																																																																																							
<input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number 50-3117 Deposit Account Name BERGMAN KUTA LLP		3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Large Entity</th> <th style="width: 25%;">Small Entity</th> <th colspan="3">Fee Description</th> <th style="width: 15%;">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge – late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge – late provisional filing fee or cover sheet.</td> <td></td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For filing a request for ex parte reexamination</td> <td></td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month</td> <td>110.00</td> </tr> <tr> <td>1252</td> <td>420</td> <td>2252</td> <td>210</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253</td> <td>950</td> <td>2253</td> <td>475</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>1,480</td> <td>2254</td> <td>740</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>2,010</td> <td>2255</td> <td>1,005</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>330</td> <td>2401</td> <td>165</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>330</td> <td>2402</td> <td>165</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>290</td> <td>2403</td> <td>145</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive – unavoidable</td> <td></td> </tr> <tr> <td>1453</td> <td>1,330</td> <td>2453</td> <td>665</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>1501</td> <td>1,330</td> <td>2501</td> <td>665</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>1502</td> <td>480</td> <td>2502</td> <td>240</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>1503</td> <td>640</td> <td>2503</td> <td>320</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(q)</td> <td></td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>1809</td> <td>770</td> <td>2809</td> <td>385</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td></td> </tr> <tr> <td>1810</td> <td>770</td> <td>2810</td> <td>385</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>1801</td> <td>770</td> <td>2801</td> <td>385</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>1802</td> <td>900</td> <td>1802</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> </tbody> </table>				Large Entity	Small Entity	Fee Description			Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)			1051	130	2051	65	Surcharge – late filing fee or oath		1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for ex parte reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month	110.00	1252	420	2252	210	Extension for reply within second month		1253	950	2253	475	Extension for reply within third month		1254	1,480	2254	740	Extension for reply within fourth month		1255	2,010	2255	1,005	Extension for reply within fifth month		1401	330	2401	165	Notice of Appeal		1402	330	2402	165	Filing a brief in support of an appeal		1403	290	2403	145	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive – unavoidable		1453	1,330	2453	665	Petition to revive - unintentional		1501	1,330	2501	665	Utility issue fee (or reissue)		1502	480	2502	240	Design issue fee		1503	640	2503	320	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		1806	180	1806	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))		1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))		1801	770	2801	385	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application	
Large Entity	Small Entity	Fee Description			Fee Paid																																																																																																																																																																																				
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																						
1051	130	2051	65	Surcharge – late filing fee or oath																																																																																																																																																																																					
1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.																																																																																																																																																																																					
1053	130	1053	130	Non-English specification																																																																																																																																																																																					
1812	2,520	1812	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																					
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																					
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																					
1251	110	2251	55	Extension for reply within first month	110.00																																																																																																																																																																																				
1252	420	2252	210	Extension for reply within second month																																																																																																																																																																																					
1253	950	2253	475	Extension for reply within third month																																																																																																																																																																																					
1254	1,480	2254	740	Extension for reply within fourth month																																																																																																																																																																																					
1255	2,010	2255	1,005	Extension for reply within fifth month																																																																																																																																																																																					
1401	330	2401	165	Notice of Appeal																																																																																																																																																																																					
1402	330	2402	165	Filing a brief in support of an appeal																																																																																																																																																																																					
1403	290	2403	145	Request for oral hearing																																																																																																																																																																																					
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																					
1452	110	2452	55	Petition to revive – unavoidable																																																																																																																																																																																					
1453	1,330	2453	665	Petition to revive - unintentional																																																																																																																																																																																					
1501	1,330	2501	665	Utility issue fee (or reissue)																																																																																																																																																																																					
1502	480	2502	240	Design issue fee																																																																																																																																																																																					
1503	640	2503	320	Plant issue fee																																																																																																																																																																																					
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																					
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																					
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																					
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																					
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																					
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																					
1801	770	2801	385	Request for Continued Examination (RCE)																																																																																																																																																																																					
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																					
1. BASIC FILING FEE																																																																																																																																																																																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Large Entity</th> <th style="width: 50%;">Small Entity</th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>770</td> <td>2001</td> <td>385</td> </tr> <tr> <td>1002</td> <td>340</td> <td>2002</td> <td>170</td> </tr> <tr> <td>1003</td> <td>530</td> <td>2003</td> <td>265</td> </tr> <tr> <td>1004</td> <td>770</td> <td>2004</td> <td>385</td> </tr> <tr> <td>1005</td> <td>160</td> <td>2005</td> <td>80</td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	1001	770	2001	385	1002	340	2002	170	1003	530	2003	265	1004	770	2004	385	1005	160	2005	80	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Fee Description</th> <th style="width: 50%;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Utility filing fee</td> <td></td> </tr> <tr> <td>Design filing fee</td> <td></td> </tr> <tr> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>Provisional filing fee</td> <td></td> </tr> </tbody> </table>				Fee Description	Fee Paid	Utility filing fee		Design filing fee		Plant filing fee		Reissue filing fee		Provisional filing fee																																																																																																																																																	
Large Entity	Small Entity																																																																																																																																																																																								
Fee Code (\$)	Fee Code (\$)																																																																																																																																																																																								
1001	770	2001	385																																																																																																																																																																																						
1002	340	2002	170																																																																																																																																																																																						
1003	530	2003	265																																																																																																																																																																																						
1004	770	2004	385																																																																																																																																																																																						
1005	160	2005	80																																																																																																																																																																																						
Fee Description	Fee Paid																																																																																																																																																																																								
Utility filing fee																																																																																																																																																																																									
Design filing fee																																																																																																																																																																																									
Plant filing fee																																																																																																																																																																																									
Reissue filing fee																																																																																																																																																																																									
Provisional filing fee																																																																																																																																																																																									
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE																																																																																																																																																																																									
Total Claims 7 -20** = <input type="text"/> x <input type="text"/> = <input type="text"/> 0.00 Independent Claims 1 -3** = <input type="text"/> x <input type="text"/> = <input type="text"/> Multiple Dependent <input type="text"/> = <input type="text"/>																																																																																																																																																																																									
Large Entity		Small Entity																																																																																																																																																																																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Fee Code (\$)</th> <th style="width: 50%;">Fee Code (\$)</th> </tr> <tr> <th>Fee Description</th> <th></th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>18</td> <td>2202</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>1201</td> <td>86</td> <td>2201</td> <td>43</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1203</td> <td>290</td> <td>2203</td> <td>145</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>1204</td> <td>86</td> <td>2204</td> <td>43</td> <td>** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>1205</td> <td>18</td> <td>2205</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> </tbody> </table>		Fee Code (\$)	Fee Code (\$)	Fee Description		1202	18	2202	9	Claims in excess of 20		1201	86	2201	43	Independent claims in excess of 3		1203	290	2203	145	Multiple dependent claim, if not paid		1204	86	2204	43	** Reissue independent claims over original patent		1205	18	2205	9	** Reissue claims in excess of 20 and over original patent		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Fee Description</th> <th style="width: 50%;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>				Fee Description	Fee Paid																																																																																																																																																
Fee Code (\$)	Fee Code (\$)																																																																																																																																																																																								
Fee Description																																																																																																																																																																																									
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																																					
1201	86	2201	43	Independent claims in excess of 3																																																																																																																																																																																					
1203	290	2203	145	Multiple dependent claim, if not paid																																																																																																																																																																																					
1204	86	2204	43	** Reissue independent claims over original patent																																																																																																																																																																																					
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																					
Fee Description	Fee Paid																																																																																																																																																																																								
SUBTOTAL (2) (\$) 00.00		SUBTOTAL (3) (\$) 110.00																																																																																																																																																																																							
**or number previously paid, if greater; For Reissues, see above																																																																																																																																																																																									

SUBMITTED BY		(Complete if applicable)		
Name (Print/Type)	Michael Bergman		Registration No. (Attorney/Agent)	42,318
Signature			Telephone	617-818-3053
			Date	September 22, 2004

Page 1 of 2

Wen



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/821,987	04/12/2004	Bu Qing Ruan	T1000-0001-P001

Bergman Kuta LLP
Michael Bergman
P.O. Box 400167
Cambridge, MA 02144



CONFIRMATION NO. 1568
FORMALITIES LETTER

Date Mailed: 06/22/2004

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

An application number and filing date have been accorded to this application. The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

The required item(s) identified below must be timely submitted to avoid abandonment:

- A substitute specification in compliance with 37 CFR 1.52, 1.121(b)(3), and 1.125, is required. The specification, claims, or abstract page(s) submitted is not acceptable and cannot be scanned or properly stored because:
 - The line spacing on the specification, claims, or abstract is not 1½ or double spaced (see 37 CFR 1.52(b)).
- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - More than one figure is present and each figure is not labeled "Fig." with a consecutive Arabic numeral (1, 2, etc.) or an Arabic numeral and capital letter in the English alphabet (A, B, etc.)(see 37 CFR 1.84(u)(1)). See Figure(s) 1-4.
- An abstract of the technical disclosure not exceeding 150 words in length and commencing on a separate sheet in compliance with 37 CFR 1.72(b) is required. An abstract was not provided for this application.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

A copy of this notice MUST be returned with the reply.

Fleuriot

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE